



UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Irene Georgakoudi, Michael S. Feld, Qingguo Zhang and  
Markus G. Mueller

Application No.: 10/052,583 Filed Date: January 18, 2002

Confirmation No.: 9942 Group: 3743 Examiner: F. Dahbour

For: System and Methods of Fluorescence, Reflectance and Light  
Scattering Spectroscopy for Measuring Tissue Characteristics

CERTIFICATE OF MAILING	
I Hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450	
on <u>Sept. 30, 2004</u>	<u>Sharon R. Lloyd</u>
Date	Signature
<u>Sharon R. Lloyd</u>	
Typed or printed name of person signing certificate	

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

RECEIVED

OCT 12 2004

TECHNOLOGY CENTER R3700

Sir:

This Information Disclosure Statement is submitted:

- ☐ under 37 CFR 1.129(a), or  
(First/Second submission after Final Rejection)
- ☐ under 37 CFR 1.97(b), or  
(Within any one of the following time periods: three months of filing national application (other than a CPA) or date of entry of the national stage in an international application; or before the mailing date of a first office action on the merits in a non-provisional application, including a CPA, or a Request for Continued Examination).
- ☒ under 37 CFR 1.97(c) together with either:
- ☐ a Statement under 37 CFR 1.97(e), as checked below, or
- ☒ a \$180.00 fee under 37 CFR 1.17(p), or  
(More than 3 months after receipt of the International Search Report, but before final action or notice of allowance, whichever occurs first)
- ☐ under 37 CFR 1.97(d) together with:
- ☐ a Statement under 37 CFR 1.97(e), as checked below, and
- ☐ a \$180.00 fee under 37 CFR 1.17(p), or  
(Filed after final action or notice of allowance, whichever occurs first, but on or before payment of the issue fee)
- ☐ under 37 CFR 1.97(i):  
Applicant requests that the IDS and cited reference(s) be placed in the application  
filewrapper.  
(Filed after payment of issue fee)

Statement Under 37 CFR 1.97(e)

- ☐ Each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement; or
- ☐ No item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned, after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of this Information Disclosure Statement.

Statement Under 37 CFR 1.704(d) (Patent Term Adjustment)

Applies to original applications (other than design) filed on or after May 29, 2000

- ☐ Each item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application and this communication was not received by any individual designated in § 1.56(c) more than thirty days prior to the filing of the Information Disclosure Statement.

Enclosed herewith is form PTO-1449:

- ☒ Copies of the cited references AF, AG and AT2 are enclosed.
- ☐ In accordance with 37 C.F.R. § 1.98 (d), copies of cited references (\*list reference not enclosed\*) are not enclosed as these references were entered in earlier application, U.S. Application No. [ ], to which the present application claims priority under 35 U.S.C. 120. The earlier application contains copies of the cited references.
- ☐ If copies of references [\*list references not enclosed\*] would benefit the Examiner of this case, the Examiner is invited to call the undersigned attorney and copies will be forwarded immediately.
- ☐ Listed references [ ] were cited in the enclosed International Search Report in a counterpart foreign application.

Concise Explanation Requirement (non-English references):

- ☐ The "concise explanation" requirement (non-English references) for reference(s) [ ] under 37 CFR 1.98(a)(3) is satisfied by:
  - ☐ the explanation provided on the attached sheet.
  - ☐ the explanation provided in the Specification.
  - ☐ submission of the enclosed International Search Report.
  - ☐ the enclosed English language abstract.

☐ Applicant requests that the following pending applications be considered:

Examiner's  
Initials

\_\_\_\_ U.S. Patent Application No. [ ], Publication No. [ ], Publication Date [ ],  
by [inventor(s)], filed [ ], Docket No.: [ ]

\_\_\_\_ U.S. Patent Application No. [ ], Publication No. [ ], Publication Date [ ],  
by [inventor(s)], filed [ ], Docket No.: [ ]

\_\_\_\_ U.S. Patent Application No. [ ], Publication No. [ ], Publication Date [ ],  
by [inventor(s)], filed [ ], Docket No.: [ ]

\_\_\_\_\_  
Examiner

\_\_\_\_\_  
Date

- ☐ A copy of each above-cited application, including the current claims, is enclosed.
- ☐ A copy of each above-cited application, including the current claims, is enclosed, except those entered in prior application, U.S. Application No. [ ], to which priority under 35 U.S.C. 120 is claimed.

The Examiner is requested to return a copy of the above list of pending applications indicating which references were considered with the next office communication.

It is requested that the information disclosed herein be made of record in this application.

Method of payment:

- ☒ A check for the fee noted above is enclosed, or the fee has been included in the check with the accompanying Reply. A copy of this Statement is enclosed.
- ☐ Please charge Deposit Account No. 50-1935 in the amount of \$[ ]. A copy of this Statement is enclosed.
- ☒ Please charge any deficiency in fees and credit any overpayment to Deposit Account No. 50-1935.

Respectfully submitted,

BOWDITCH & DEWEY, LLP

By

  
Thomas O. Hoover

Date:

  
September 30, 2004

Registration No. 32,470

Direct tel.: (508) 416-2475

Telephone: (508) 879-5700

Facsimile: (508) 929-3073

Bowditch & Dewey, LLP  
161 Worcester Road  
P.O. Box 9320  
Framingham, Massachusetts 01701-9320

OCT 04 2004

PTO-1449 REPRODUCTION OFFICE SUPPLEMENTARY INFORMATION DISCLOSURE CITATION IN AN APPLICATION  September 30, 2004  (Use several sheets if necessary)						ATTORNEY DOCKET NO. 301505.2020-100							APPLICATION NO. 10/052,583															
						APPLICANT Irene Georgakoudi et al																						
						FILING DATE January 18, 2002							GROUP ART UNIT 3743															
U.S. PATENT DOCUMENTS																												
EXAM -INER INITIAL			DOCUMENT NUMBER				DATE				NAME						CLASS				SUB-CLASS				FILING DATE IF APPROPRIATE			
			AF    4,768,513				6 Sep 1988				Suzuki						128				634							
			AG    4,773,097				20 Sep 1988				Suzaki et al						382				6							
FOREIGN PATENT DOCUMENTS																												
			DOCUMENT NUMBER				DATE				COUNTRY						CLASS				SUB-CLASS				TRANSLATION YES NO			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)																												
		AT2		Richards-Kortum, R. et al, "A One-Layer Model of Laser-Induced Fluorescence for Diagnosis of Disease in Human Tissue: Applications to Atherosclerosis," IEEE Transactions on Biomedical Engineering, Vol. 36, No. 12, Dec. 1989, pgs. 1221-1232																								
EXAMINER												DATE CONSIDERED																